SHARP®

PN-T322B

32" Class (31 ½" Diagonal) LCD Monitor
With Integrated Touch-Screen

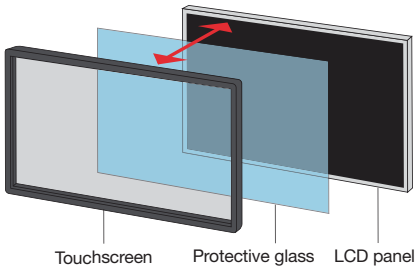
Interactive Touch-Screen LCD Monitor offers Ultra-Slim Design, High Performance and Enhanced Flexibility

Note: Depending on application, additional hardware and software may be required.

Touch-Screen Interaction

The Sharp PN-T322B integrates a streamlined 32" class (31 ½" diagonal) LCD monitor with highly sensitive touch-screen. This provides an easy-to-use and engaging interactive digital signage solution. Sharp's proprietary infrared detection system heightens the PN-T322B's touch-screen responsiveness via multiple infrared sensors that locate the position of the user's finger with impressive speed and accuracy. For greater interactive function, the PN-T322B supports dual touch-screen applications.*

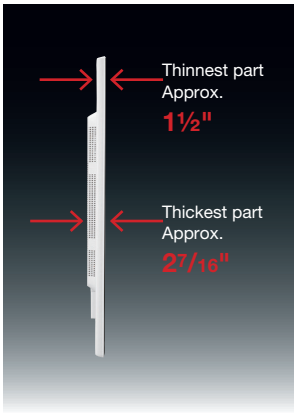
With its sleek style and highly responsive touch-screen, the PN-T322B is an ideal kiosk wayfinding solution while providing easy interactive access to information in corporate, commercial, government, education and public venues.



* Requires Window® 7 Operating System

Thin and Lightweight

The ultra thin PN-T322B has a depth of less than 2 ½" and weighs just 24.3 lbs., making it easy to place in almost any location including corporate lobbies, hotel and conference facilities, waiting rooms, retail stores, museums and more And, with its lightweight and flexible design, the PN-T322B can be easily wall mounted and operated in either portrait or landscape orientation.



Built-in Slide Show Function**

By inserting a USB flash drive with compatible still images and audio, the display can be used as a stand-alone digital signage system.

** For non touch-screen application

Touch-Screen Functions

	Microsoft® Windows® 7	Microsoft Windows XP / Microsoft Windows Vista®
Single-tap	Yes	Yes
Double-tap	Yes	Yes
Drag-and-drop	Yes	Yes
Flicks	Yes	No
Press-and-hold	Yes	No
Pan	Yes	No
Zoom	Yes	No
Press-and-tap	Yes	No
Rotation	Yes	No

Additional Key Features

- Built-in Stereo Speakers (8W + 8W)
- 24/7 Certified
- 3-Year On-Site Limited Warranty covering parts, labor and backlight
- Energy Efficient LED Backlight. Consumes approximately 37% less energy than similar CCFL-backlight displays (compared to Sharp PN-325)
- ENERGY STAR® Qualified. Also meets RoHS Directive restricting use of hazardous substances

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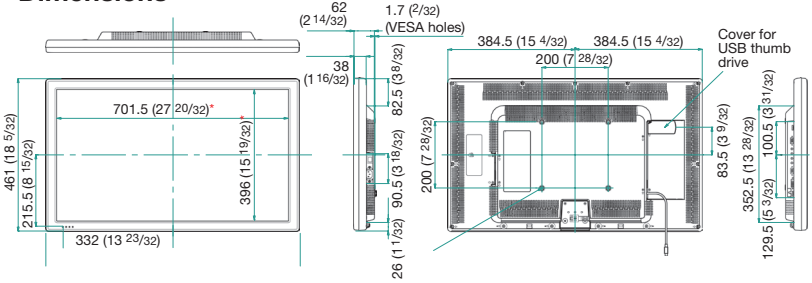
Specifications (tentative)

Model Name		PN-T322B
Installation		Landscape / Portrait
LCD Panel		32" class (31 1/2" diagonal) TFT LCD
	Max. Resolution	1,366 x 768 pixels
	Max. Display Colours (approx.)	16.77 million colors
	Pixel Pitch	0.511 mm
	Max. Brightness*1	350 cd/m²
	Contrast Ratio	2500 : 1
	Viewing Angle (H/V)	176°/176° (CR ≥ 10)
	Active Screen Area (W x H)	697.7 x 392.3 mm (27 7/16" x 15 7/16")
	Response Time	6.5 ms (gray to gray, avg.)
Touch-Screen	Touch Technology	Infrared camera method
	Detection Area	685.7 x 380.3 mm (27" x 15")
	PC Connection Port	USB (1.1 standard)
	Power Supply	PC through USB port
	Driver	OS: Windows® XP, Windows Vista®, Windows® 7
	Protective Glass Thickness	Approx. 3.0 mm (including AR coating on both sides)
Computer Input	Video	Analog RGB (0.7 Vp-p) [75 Ω], Digital (conforms to DVI 1.0 standards)
	Synchronization	Horizontal/vertical separation (TTL: positive/negative) Sync-on-green, Composite sync (TTL: positive/negative)
	Plug & Play	VESA DDC2B
	Power Management	VESA DPMS, DVI DMPM

Video Colour System		NTSC (3.58 MHz) / NTSC (4.43 MHz) / PAL / PAL60 / SECAM
Input Terminals*2	PC	Analog mini D-sub 15-pin x 1, HDMI x 1, Digital DVI-D 24 pin x 1 (HDCP compatible)
	Component Video	RCA pin (Y, Cb/Pb, Cr/Pr) x 1*3
	HDMI®	1 (HDCP compatible)
	Audio	3.5 mm-diameter mini stereo jack x 1, RCA pin (L/R) x 1*3
	RS-232C	D-sub 9-pin x 1
	USB Port	1 (for slide shows)*4
Output Terminals*2	Audio	3.5 mm-diameter mini stereo jack x 1
Speaker Output		8 W + 8 W
Installation Angle*5		Upward: max. 45° / Downward: max. 20°
Mounting		VESA (4 points), 200 mm (7 7/8") pitch
Power Supply		100 V – 240 V AC, 50/60 Hz
Power Consumption		82 W
Environmental Conditions	Operating Temperature	5°C to 35°C
	Operating Humidity	20% to 80% RH (no condensation)
Dimensions (W x D x H) (approx.) (display section only)		769 x 62 x 461 mm (30 1/4" x 2 7/16" x 18 1/8")
Weight (approx.)		11 kg (24.3 lbs)
Main Accessories		AC power cord (approx. 13'), remote controller, touch panel driver (CD-ROM), set-up manual, stickers (operation panel, blank, Sharp logo), cable clamp, cover for USB flash drive, conversion cable (2 pcs), air blower*6

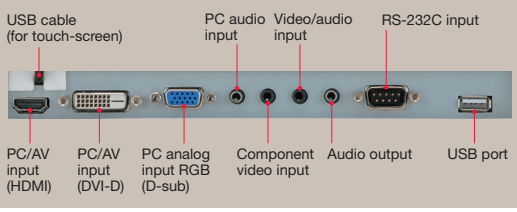
*1 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. *2 Use a commercially available connection cable for PC and other video connections. *3 Use the bundled conversion cable and a commercially available RCA pin. *4 The slide show function can playback files in the JPG, PNG, MP3, and WMA formats. Does not support touch-screen content. *5 When the PN-T322B is installed at an upward angle of 20° or more, brightness should be set to 20 or less to prevent internal temperature abnormalities. *6 Blows off any dust caught near the sensors between the touch-screen and the frame.

Dimensions



Unit: mm (inch)
* Screen dimensions
* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

Input/Output Terminals



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